



R 4821.A03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :Axel KALLEDER et al.

Group Art Unit: 1712

Appl. No. :10/088,794

Examiner: Zimmer, Marc S.

Filed :June 14, 2002

For :METHOD AND COMPOSITIONS FOR PRINTING SUBSTRATES

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56 and 37 C.F.R. §§ 1.97-1.98, Applicants hereby direct the Examiner's attention to the following documents which are cited in the International Search Report for International Application No. PCT/EP00/09523 of which the above-referenced application is a National Stage:

- (1) JP 10-204296 A, August 4, 1998, accompanied by an English language abstract thereof (provided by Patent Abstracts of Japan);
- (2) JP 6-100818 A, April 12, 1994, accompanied by an English language abstract thereof (provided by Patent Abstracts of Japan);
- (3) JP 10-195280 A, July 28, 1998, accompanied by an English language abstract thereof (provided by Patent Abstracts of Japan);

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- (4) EP 0 263 428 A2, April 13, 1988;
- (5) U.S. Patent No. 4,753,827 (Yoldas et al.), June 28, 1988; Applicants note that this document is a family member of document (4);
- (6) U.S. Patent No. 4,799,963 (Basil et al.), January 24, 1989; Applicants note that this document is a family member of document (4);
- (7) U.S. Patent No. 4,754,012 (Yoldas et al.), June 28, 1988; Applicants note that this document is a family member of document (4);
- (8) U.S. Patent No. 4,731,264 (Lin et al.), March 15, 1988; Applicants note that this document is a family member of document (4);
- (9) U.S. Patent No. 4,814,017 (Yoldas et al.), March 21, 1989; Applicants note that this document is a family member of document (4);
- (10) U.S. Patent No. 5,231,156 (Lin), July 27, 1993; Applicants note that this document is a family member of document (4);
- (11) JP 2-122982 A, May 10, 1990, accompanied by an English language abstract thereof (provided by Patent Abstracts of Japan);
- (12) WO 99/00197 A1, January 7, 1999;
- (13) U.S. Patent No. 5,891,520 (Makar et al.), April 6, 1999; Applicants note that this document is a family member of document (12).

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Further, Applicants direct the Examiner's attention to the following documents:

- (14) DE 195 20 964 A1, December 12, 1996; Applicants note that this document is cited and discussed at page 2, second paragraph, of the present application;
- (15) U.S. Patent No. 6,136,083 (Schmidt et al.), October 24, 2000; Applicants note that this document is a family member of document (14).
- (16) TiO<sub>2</sub> Photocatalysis Fundamentals and Applications, 1st edition May 1999, BKC Inc., topics "Self-cleaning lamp cover" to "Self-sterilizing photocatalytic tiles";
- (17) Römpp Lexikon, Lacke und Druckfarben, Georg Thieme Verlag 1998, p. 497;
- (18) Ullmann's Encyclopedia of Industrial Chemistry, 5th Edition, Volume A23, VCH Verlagsgesellschaft, Weinheim, Germany, 1991, pp. 469-470; 614-616, 618-619, 623-629, and 635-641;
- (19) Industrielle Anorganische Chemie, 2nd edition, VCH Verlagsgesellschaft, Weinheim, Germany, p. 5.9.

Copies of the above-listed documents and of the International Search Report and the International Preliminary Examination Report (in English) for International Application No. PCT/EP00/09523 are enclosed together with a completed copy of the PTO-1449 Form listing these documents. Accordingly, the Examiner is requested to consider these documents and

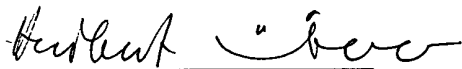
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to indicate such consideration by returning a signed and initialed copy of the PTO-1449 Form with the next official communication.

Also enclosed is a check covering the fee under 37 C.F.R. § 1.17(p). The Commissioner is hereby authorized to charge Deposit Account No. 19-0089 any other fees which may be deemed necessary for the consideration of the submitted materials.

Should there be any questions, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,  
Axel KALLEDER et al.

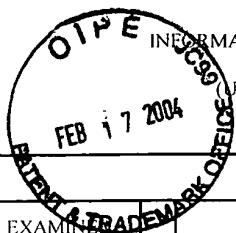


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Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P24821Serial No.  
10/088,794INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant  
Axel KALLEDER et al.Filing Date  
June 14, 2002Group  
1712

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 7 5 3 8 2 7	06/28/88	YOLDAS et al.			
	4 7 9 9 9 6 3	01/24/89	BASIL et al.			
	4 7 5 4 0 1 2	06/28/88	YOLDAS et al.			
	4 7 3 1 2 6 4	03/15/88	LIN et al.			
	4 8 1 4 0 1 7	03/21/89	YOLDAS et al.			
	5 2 3 1 1 5 6	07/27/93	LIN			
	5 8 9 1 5 2 0	04/06/99	MAKAR et al.			
	6 1 3 6 0 8 3	10/24/00	SCHMIDT et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
1 0	2 0 4 2 9 6	08/04/98	JAPAN			
6 -	1 0 0 8 1 8	04/12/94	JAPAN			
1 0	1 9 5 2 8 0	07/28/98	JAPAN			
0	2 6 3 4 2 8	04/13/88	E.P.O.			
2 -	1 2 2 9 8 2	05/10/90	JAPAN			
9 9	/ 0 0 1 9 7	01/07/99	W.I.P.O.			
1 9	5 2 0 9 6 4	12/12/96	GERMANY			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	English Language Abstract of JP 10-204296.
2	English Language Abstract of JP 6-100818.
3	English Language Abstract of JP 10-195280.
4	English Language Abstract of JP 2-122982.
5	TiO <sub>2</sub> Photocatalysis Fundamentals and Applications, 1st edition May 1999, BKC Inc., topics "Self-cleaning lamp cover" to "Self-sterilizing photocatalytic tiles".
6	Römpf Lexikon, Lacke und Druckfarben, Georg Thieme Verlag 1998, p. 497.
7	Ullmann's Encyclopedia of Industrial Chemistry, 5th Edition, Volume A23, VCH Verlagsgesellschaft, Weinheim, Germany, 1991, pp. 469-470; 614-616, 618-619, 623-629, and 635-641.
8	Industrielle Anorganische Chemie, 2nd edition, VCH Verlagsgesellschaft, Weinheim, Germany, p. 5.9.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.